

TABLE 2  
RATIO CALCULATIONS AND SHUTDOWN SUMMARY  
JULY 2010  
MIDCO I AND II SITES  
GARY, INDIANA  
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| Parameter   | Units       | Midco I Site   | Midco II Site      | Deep Well Site |
|---|-------------|----------------|--------------------|----------------|
| HP/UV flow rate <sup>1</sup>  | gpm         | 21 to 37       | 50.6 to 60         |                |
| HP/UV operating lamps   | count       | 2              | 4                  |                |
| UV tube cleaning cycle  | hours       | 2.0            | 8.0                |                |
| Hydrogen peroxide feed  | ppm         | 325            | 120                |                |
| pH, inlet to HP/UV unit   | pH units    | 7.3            | 7.0                |                |
| Extraction well flow rates as of 7-31-10                                    |             |                |                    |                |
| EW-1  | gpm         | 9.0            | 4.0                |                |
| EW-2  | gpm         | 9.0            | 2.0                |                |
| EW-3  | gpm         | 4.0            | 9.0                |                |
| EW-4  | gpm         | 2.0            | 6.0                |                |
| EW-5  | gpm         | 4.0            | N/A                |                |
| EW-6  | gpm         | 2.0            | 8.0                |                |
| EW-7  | gpm         | 9.0            | 3.0                |                |
| MW-3D   | gpm         | OFF            | N/A                |                |
| MW-5D   | gpm         | 4.0            | N/A                |                |
| MW-6D   | gpm         | 4.0            | N/A                |                |
| Extraction well flow rates necessary for capture <sup>2</sup>               |             |                |                    |                |
| EW-1  | gpm         | 6.4            | 13.0               |                |
| EW-2  | gpm         | 6.4            | 13.0               |                |
| EW-3  | gpm         | N/A            | 16.9               |                |
| EW-4  | gpm         | 1.0            | 8.0                |                |
| EW-5  | gpm         | N/A            | N/A                |                |
| EW-6  | gpm         | 1.7            | 5.7                |                |
| EW-7  | gpm         | 6.4            | 9.1                |                |
| Range of detections from field gas chromatograph                            |             |                |                    |                |
| Methylene chloride  | µg/L        | N/A            | N/A                |                |
| Vinyl chloride  | µg/L        | N/A            | N/A                |                |
| Treatment operating flow rate less tube cleaning                            | gpm         | 31.4 to 36.3   | 49.8 to 59.7       |                |
| Total treated water volume <sup>3</sup>                                     | gallons     | 1,327,482      | 1,358,418          | 2,685,900      |
| Design average flow rate <sup>4</sup>                                       | gpm         | 28.0           | 50.6               | 78.6           |
| Month duration and operating time for average monthly flow rate calculation | days        | 31             | 31                 |                |
|   | minutes     | 44,640         | 44,640             |                |
| Non-GWETS-related shutdowns (pages 2 & 3)                                   | minutes     | 56             | 583                |                |
| Annulus & pipeline testing shutdowns  | minutes     | 0              | 0                  |                |
| Operating time for average monthly operating flow rate calculation          | minutes     | 44,584         | 44,057             |                |
| GWETS-related shutdown - scheduled & non-scheduled (see pages 2 and 3)      | minutes     | 1,027          | 125                |                |
| Operation time excluding all shutdowns                                      | minutes     | 43,557         | 43,932             |                |
| Average monthly operating flow rate <sup>5</sup>                            | gpm         | 29.8           | 30.8               | 60.6           |
| % average monthly operating flow rate to design average flow rate           | %           | 106.3%         | 60.9%              | 77.1%          |
| Average monthly flow rate <sup>6</sup>                                      | gpm         | 29.7           | 30.4               | 60.2           |
| % average monthly flow rate to design average flow rate                     | %           | 106.2%         | 60.1%              | 76.5%          |
| Waste materials stored on-site for off-site disposal                        |             |                |                    |                |
| Spent filters   | cubic yards | 19             | 8                  |                |
| Anticipated off-site shipment   | week of     | August 2, 2010 | September 20, 2010 |                |
| Waste shipments this month  |             | None           | None               |                |
| Filter cake   | cubic yards | N/A            | 0                  |                |
| Anticipated off-site shipment   | week of     | N/A            | None               |                |
| Waste shipments this month  |             | N/A            | None               |                |
| Other wastes (specify):   |             | None           | None               |                |
| Anticipated off-site shipment   | week of     | N/A            | N/A                |                |
| Waste shipments this month  |             | None           | None               |                |

**Key:**

HP/UV = Hydrogen peroxide/ultraviolet light  
GWETS = Ground water extraction and treatment system  
gpm = Gallons per minute  
µg/L = Micrograms per liter  
N/A = Not applicable

**Notes:**

- <sup>1</sup> HP/UV flow rate is the process water flow rate that goes through the HP/UV.
- <sup>2</sup> Extraction wells EW-3 and EW-5 at the Midco I Site are used for dewatering purposes only.
- <sup>3</sup> Total treated water volume is obtained from the site treated water flow totalizer.
- <sup>4</sup> Design average flow rate is the model-predicted flow rates of 21.0 or 50.6 gpm, respectively for the Midco I and Midco II Sites. The design average flow rates changed on February 24, 2003 from 24.5 to 50.6 gpm for Midco II. The Midco I design average flow rate varies between 21 and 28 gpm, based on dewatering.
- <sup>5</sup> Average monthly operating flow rate is the total treated water volume divided by the operating time excluding all non-GWETS-related shutdowns. This value is different from the HP/UV flow rate because of the flow recycled during the tube cleaning.
- <sup>6</sup> Average monthly flow rate is the totalized volume of treated water divided by the number of minutes for that month.